

Title (en)

METHOD AND DEVICE FOR REDUCING DISPLAY BRIGHTNESS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR REDUZIERUNG DER DISPLAYHELLIGKEIT

Title (fr)

PROCÉDÉ ET DISPOSITIF DE RÉDUCTION DE LA LUMINOSITÉ D'UN AFFICHAGE

Publication

**EP 3131087 B1 20200527 (EN)**

Application

**EP 16159106 A 20160308**

Priority

CN 201510498535 A 20150813

Abstract (en)

[origin: EP3131087A1] The present disclosure discloses a method and device for reducing display brightness, and belongs to the technical field of display. According to the present disclosure, a transformed gamma curve is acquired, a corresponding grayscale voltage in the transformed gamma curve is queried according to a grayscale pixel value of a pixel to be displayed, and the queried grayscale voltage is output to a data line corresponding to the pixel in a liquid crystal display screen at a scanning moment corresponding to the pixel.

IPC 8 full level

**G09G 3/36** (2006.01); **G09G 3/20** (2006.01)

CPC (source: EP KR RU US)

**G09G 3/2007** (2013.01 - EP RU US); **G09G 3/3406** (2013.01 - KR); **G09G 3/36** (2013.01 - KR); **G09G 3/3688** (2013.01 - RU US); **G09G 3/3696** (2013.01 - EP RU US); **G09G 2320/0626** (2013.01 - EP KR US); **G09G 2320/0673** (2013.01 - EP KR US); **G09G 2360/144** (2013.01 - EP KR US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3131087 A1 20170215**; **EP 3131087 B1 20200527**; CN 105070252 A 20151118; CN 105070252 B 20180508; JP 2017528738 A 20170928; JP 6342499 B2 20180613; KR 101839748 B1 20180426; KR 20170030462 A 20170317; MX 2016006389 A 20170427; MX 361185 B 20181129; RU 2016120203 A 20171128; RU 2657171 C2 20180608; US 2017047035 A1 20170216; US 9858885 B2 20180102; WO 2017024728 A1 20170216

DOCDB simple family (application)

**EP 16159106 A 20160308**; CN 2015099014 W 20151225; CN 201510498535 A 20150813; JP 2016543231 A 20151225; KR 20167017817 A 20151225; MX 2016006389 A 20151225; RU 2016120203 A 20151225; US 201615082847 A 20160328